



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/755,207	01/05/2001	Tao Chen	PA010098	5300
23696	7590	02/24/2006	EXAMINER	
QUALCOMM, INC 5775 MOREHOUSE DR. SAN DIEGO, CA 92121			NGUYEN, TU X	
			ART UNIT	PAPER NUMBER
			2684	

DATE MAILED: 02/24/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/755,207	CHEN ET AL.	
	Examiner	Art Unit	
	Tu X Nguyen	2684	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 12 January 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-9 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-9 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
 If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
 a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Amendment

1. Applicant's arguments with respect to claims 1-9 have been considered but are not persuasive.

In response to Applicants' argument, filed 1/12/06, page 5, that "the cited portion does not disclose transmitting the pilot strength measurement message from the mobile terminal at a second transmit power level". The Examiner respectfully disagrees. Bonta et al. disclose in the flowchart figure 3, steps 601 through 609 wherein mobile send normal PSMM is the first PSMM at first power level, the flowchart then go back to point B and beginning from step 602 through figure 4, step 632 wherein mobile sends rescue PSMM is the second PSMM at maximum power level, also see col.7 lines 35-36, which the power level of PSMM step 632 is greater than the power level of PSMM step 627.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-6 and 8-9, are rejected under 35 U.S.C. 102(e) as being provisional anticipated by Bonta et al. (US Patent 6,337,983).

Regarding claims 1 and 6, Bonta et al. discloses a method for call recovery comprising:

transmitting a pilot strength measurement message from a mobile terminal at a first transmit power level (col.11 lines 17-18);

waiting a predetermined time period (see col.11 lines 23-24); and

transmitting the pilot strength measurement message at a second transmit power level, wherein the second transmit power level is greater than the first transmit power level (see col.13 lines 44-46).

Regarding claim 4, Bonta et al. disclose a method comprising:

Initiating a call recovery from a mobile terminal (see col.3 lines 10-11); and

Incrementing a transmit power level from a mobile terminal (see col.3 lines 10-14) prior to receiving (see col.3 lines 15-17) a hand-off direction message (col.5 lines 17-37).

Regarding claim 2, Bonta et al. discloses the second transmit power level is a maximum transmit power level (see col.7 lines 35-36).

Regarding claim 3, Bonta et al. disclose a computer program stored on a computer readable medium (see col.1, a computer program is inherent in a computer readable medium such as mobile device and base station).

Regarding claim 4, the modified Chheda et al. discloses everything as claim 1 above. More specifically, the modified Chheda et al. disclose incrementing a transmit power level prior to receiving a hand-off direction message (see Chheda et al. col.11 lines 3-22).

Regarding claim 5, Bonta et al. disclose transmitting a pilot strength measurement message at each transmit power level (see col.11 lines 12-40).

Regarding claim 6, Bonta et al. disclose the pilot strength measurement messages are transmitted at predetermined time intervals (see col.11 lines 36-40).

Regarding claim 8, Bonta et al. disclose a mobile terminal apparatus comprising:

Increment transmit power of a pilot strength measurement message from the mobile terminal during call recovery (see col.11 lines 29-40),

After waiting the predetermined time period (see col.11 lines 36-40), transmit the pilot strength measurement message from the mobile terminal at a second transmit power level wherein the second transmit power level is greater than the first transmit power level (see col.11 lines 31-32).

Bonta et al. disclose a cellular communication system, signaling and voice or data communication between mobile communication units and fixed communication unit (the mobile units are inherent include antenna, a processor, transmitter and software instructions to achieve functions of varying transmission power levels for hand-off procedures as describes by Bonta et al., see col.1 lines 15-34).

Regarding claim 9, Bonta et al. disclose maintain the transmit power below a maximum power level (see 627, 628, fig.4).

4. Claim 7 is rejected under 35 U.S.C. 103(a) as being unpatentable over Bonta et al. in view of Dalal (US Paten 6,633,554).

Regarding claim 7, Bonta et al. fail to disclose the pilot strength measurement message includes a preamble message.

Dalal disclose the pilot strength measurement message includes a preamble message (see col.7-20). Therefore, It would have been obvious to one of ordinary skill in

Art Unit: 2684

the art at the time the invention was made to modify the system of Bonta et al. with the above teaching of Dalal in order to provide a preamble message to be transmitted over traffic channel).

Conclusion


5. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

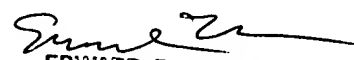
A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tu Nguyen whose telephone number is 571-272-7883. The examiner can normally be reached on Monday through Friday from 6:30AM-2:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Urban, can be reached at (571) 272-7899. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


February 10, 2006


EDWARD F. URBAN
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600